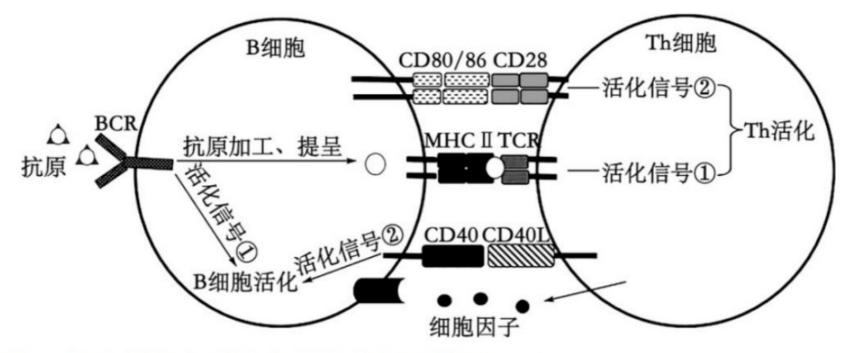
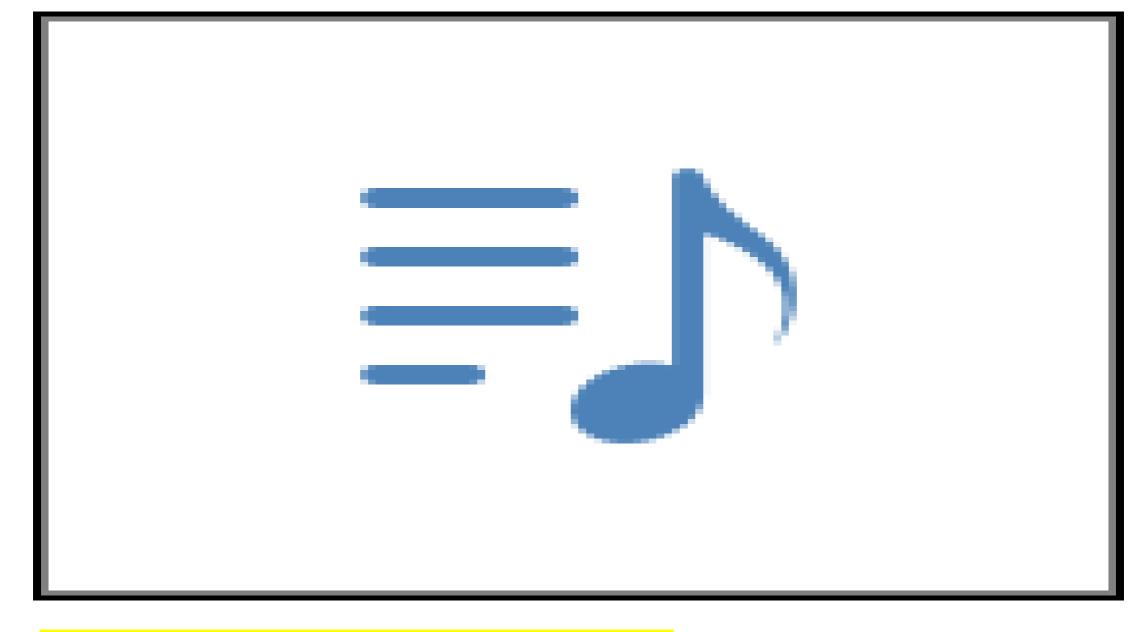
12. B细胞与 Th 细胞相互作用之后被活化的过程如图所示。CD80/86 是 B细胞识别抗原后表达的蛋白质,CD40L 是 Th 细胞活化后表达的蛋白质,BCR 和 TCR 分别是 B细胞和 T细胞表面的受体,CD40、MHC II、CD28 均为细胞表面蛋白。下列叙述错误的是( B )

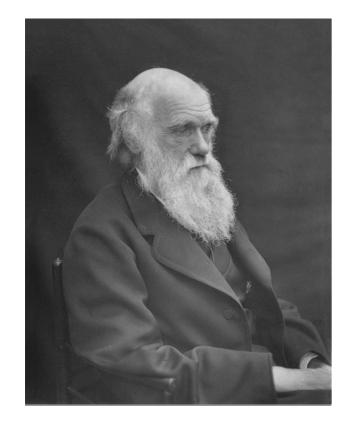


- A. 活化 B 细胞的两个信号分别是抗原刺激和 CD40L
- (B.) 图示过程中, B细胞活化时间早于 Th细胞活化时间
  - C. 体液免疫过程中, B细胞与 Th细胞可相互提供信息
- D. 图中 B 细胞与 Th 细胞采取不同的方式识别同一抗原

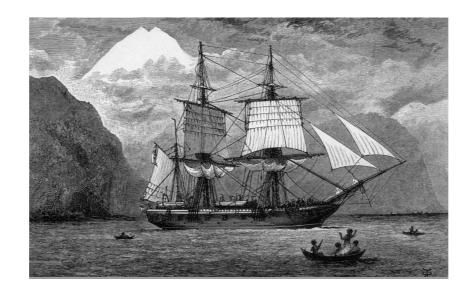




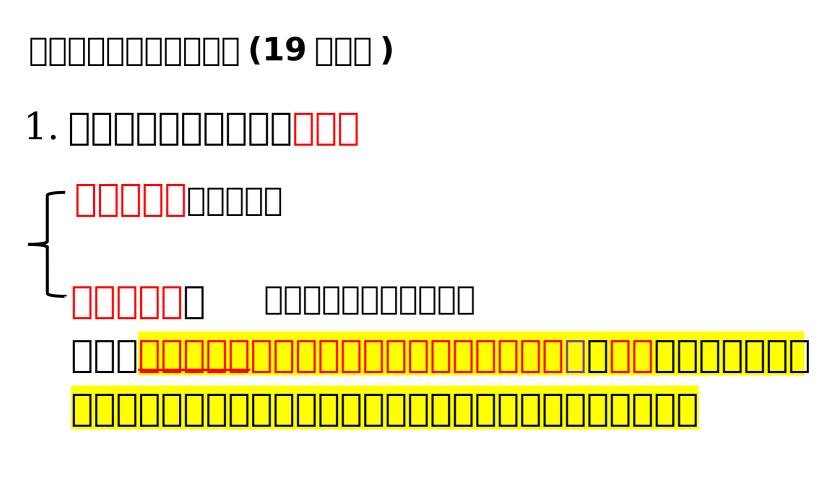


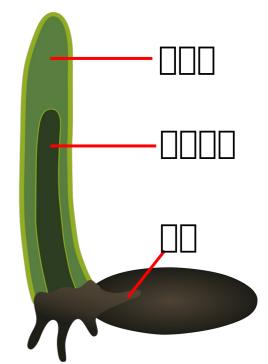


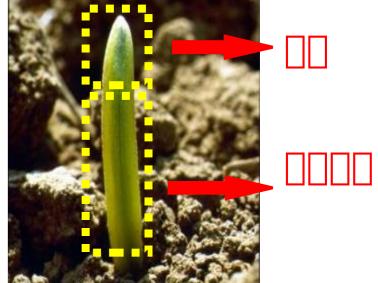
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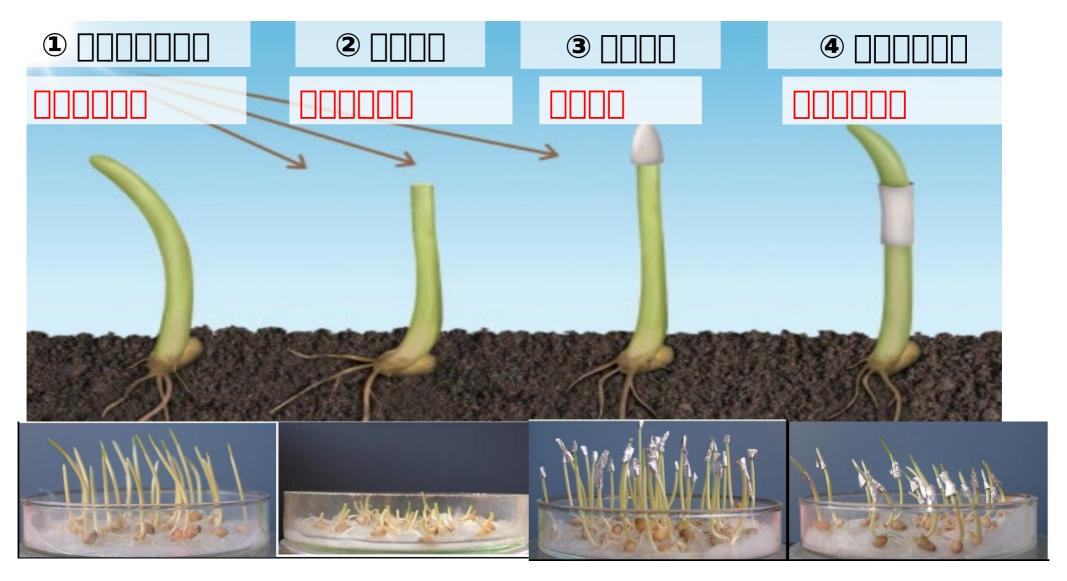






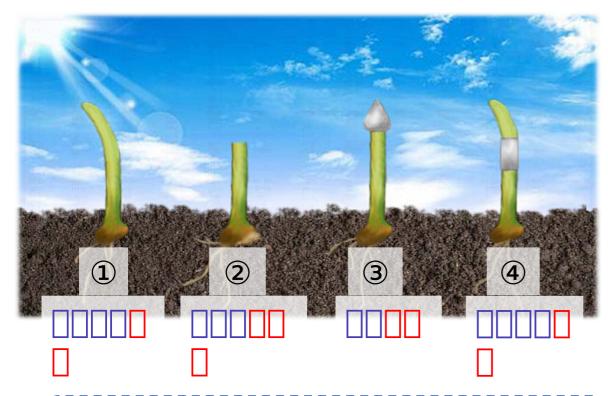


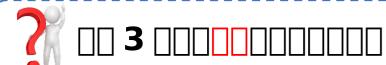
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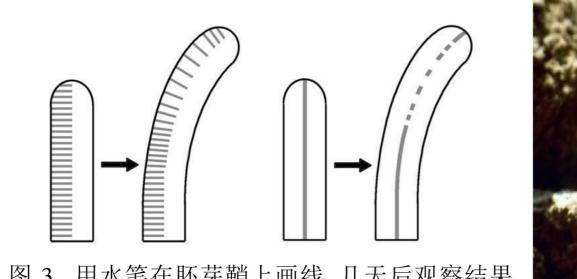






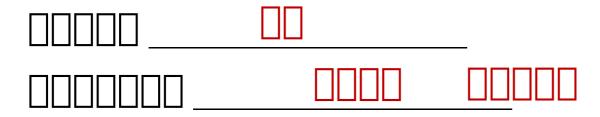






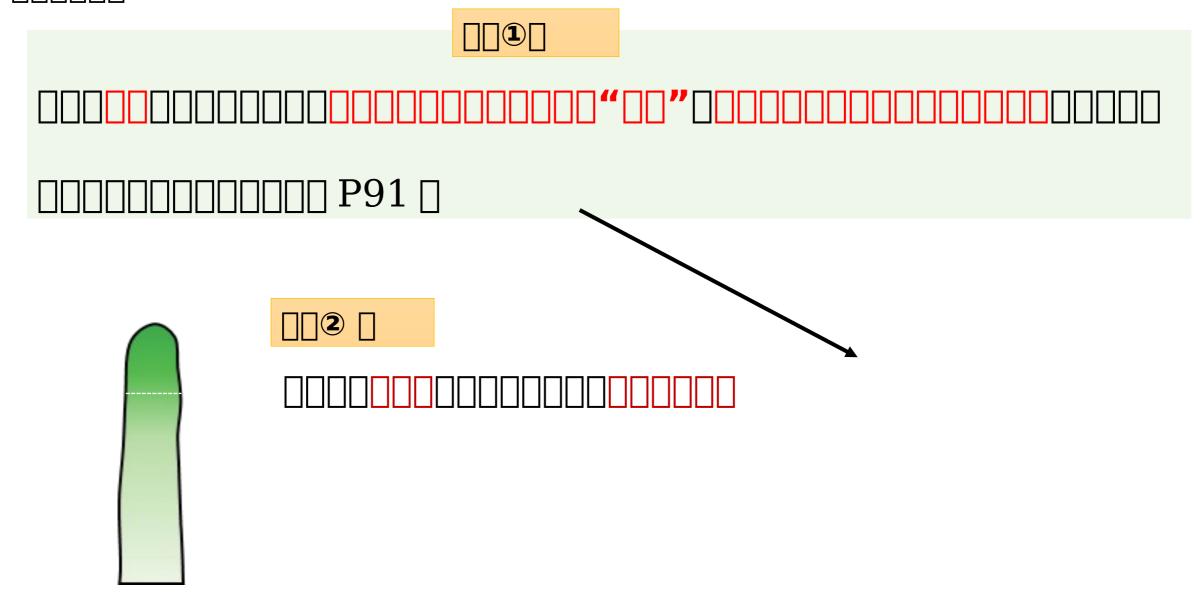
用水笔在胚芽鞘上画线, 几天后观察结果







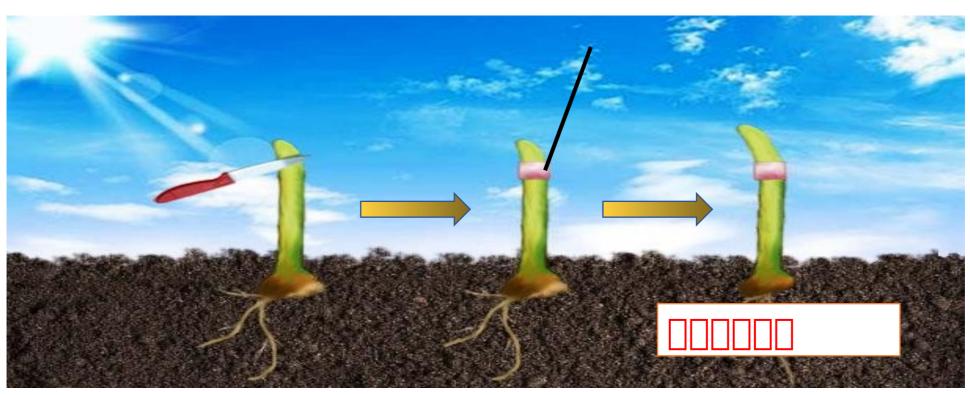
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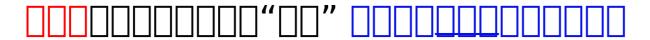


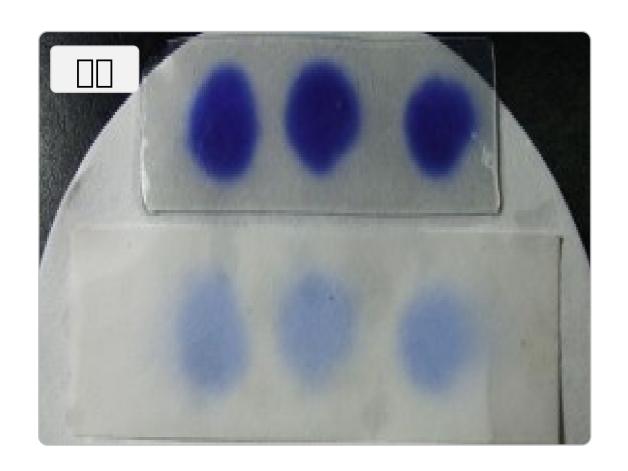


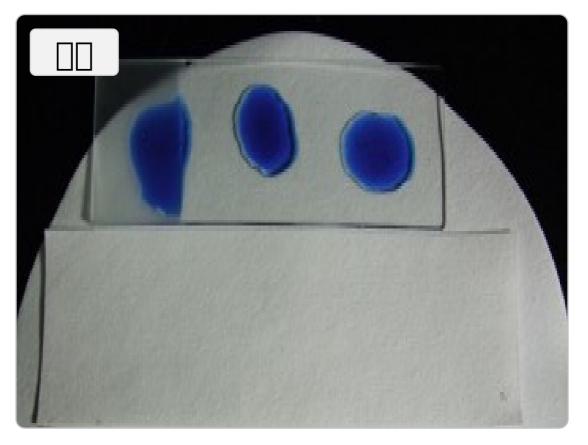






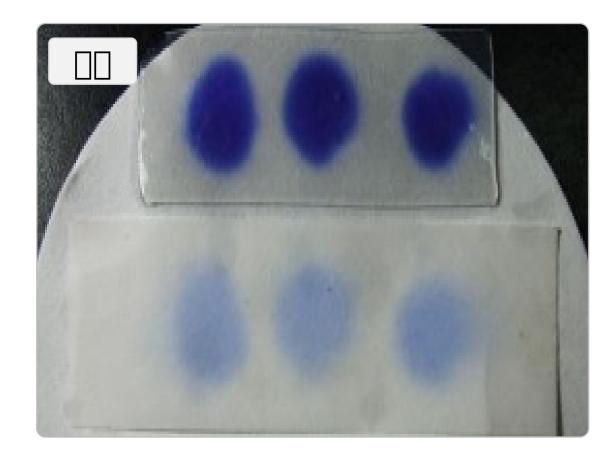


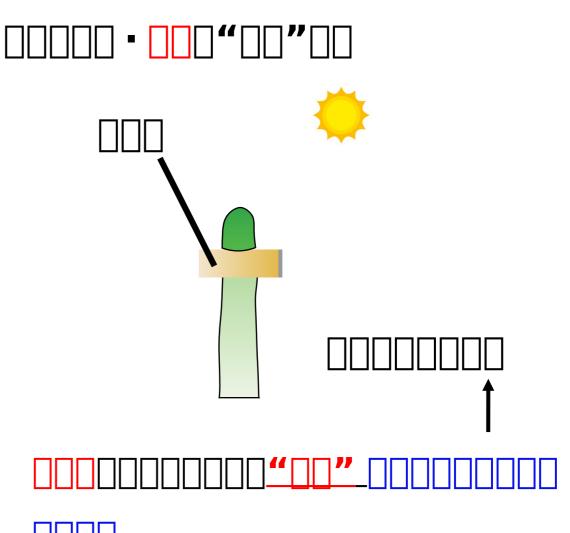






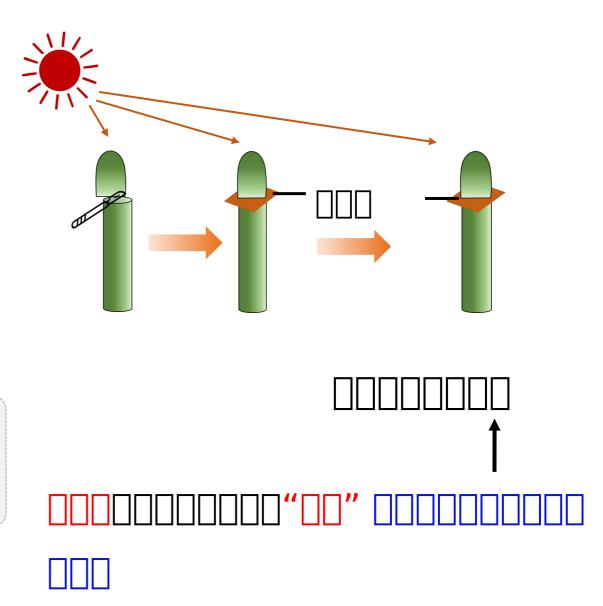


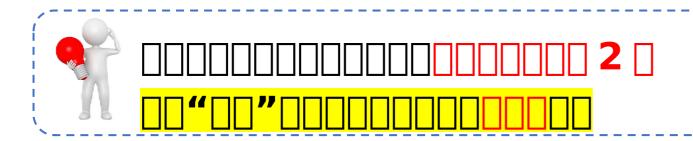


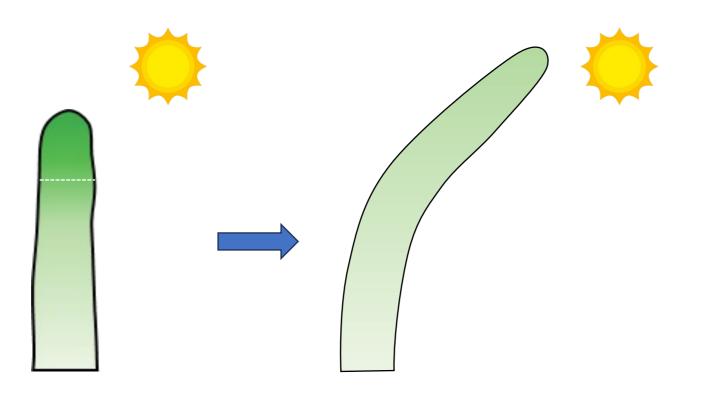


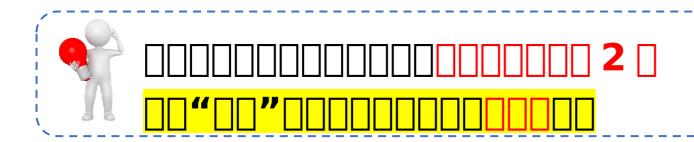


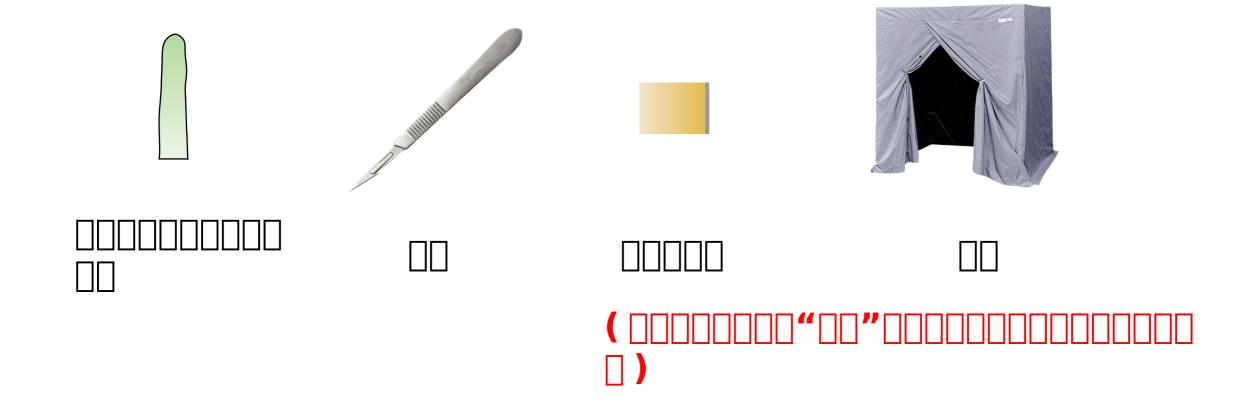


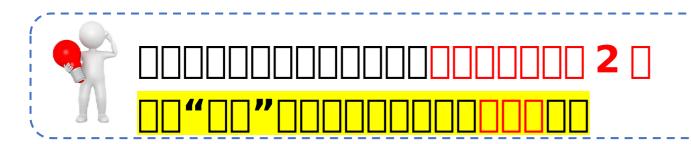


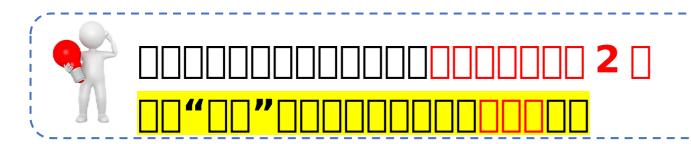




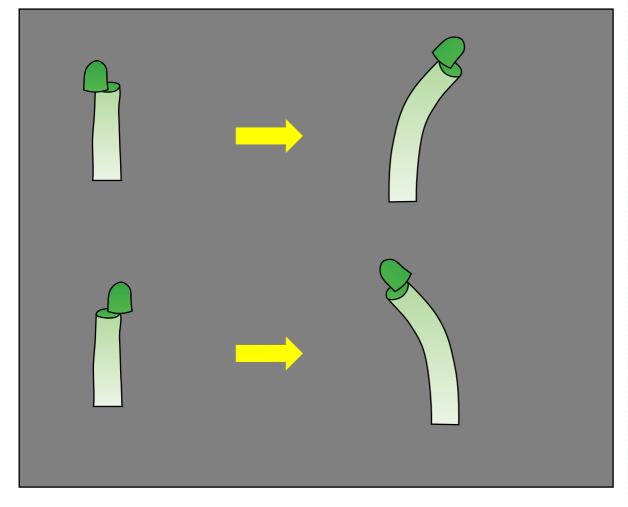




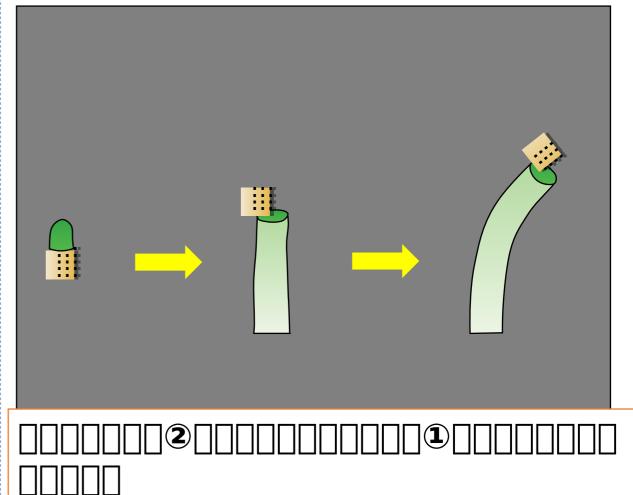






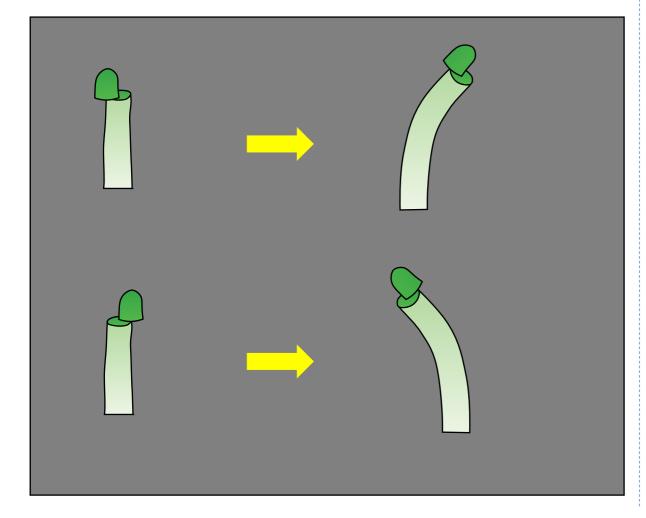




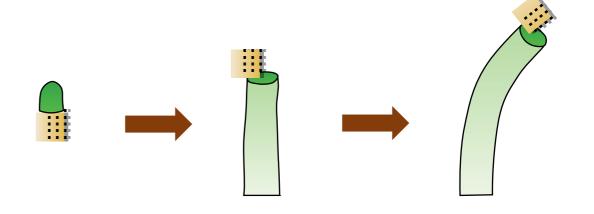


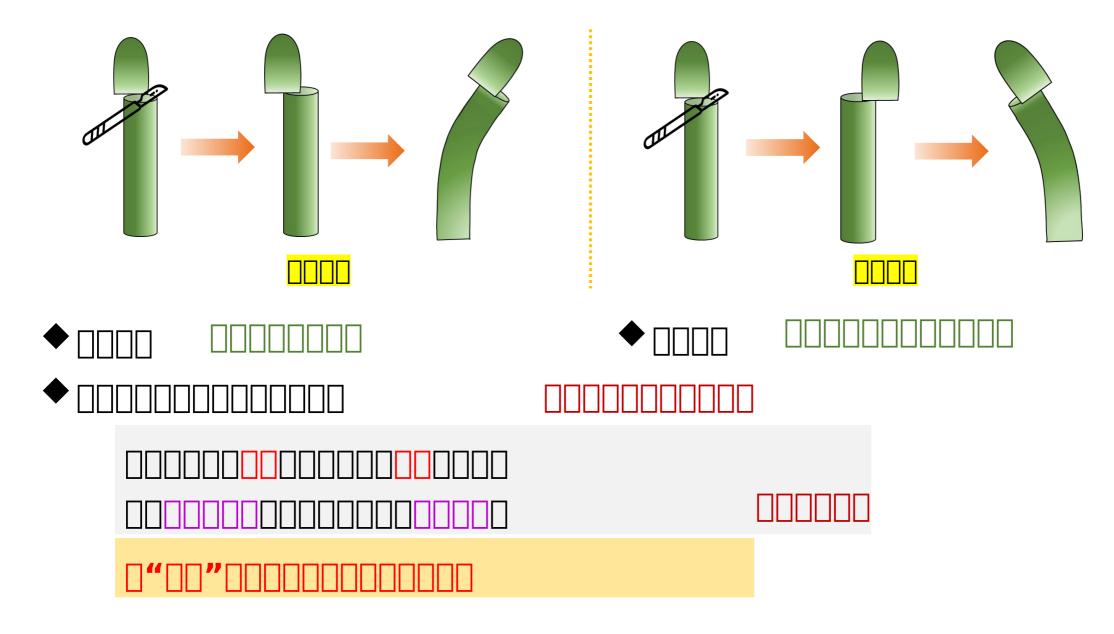
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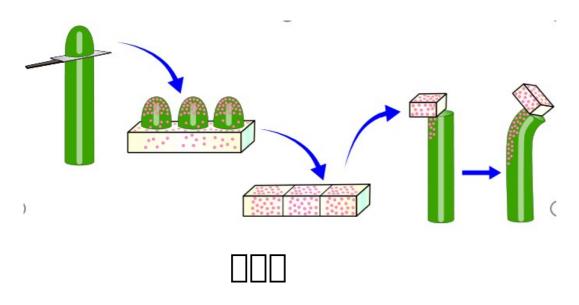


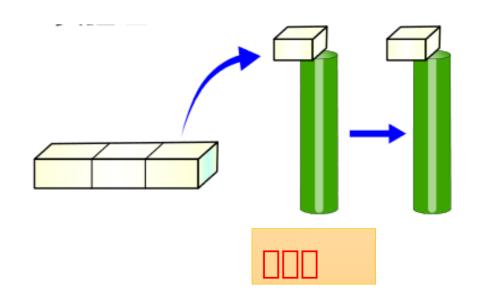














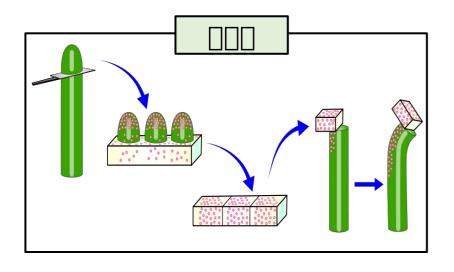




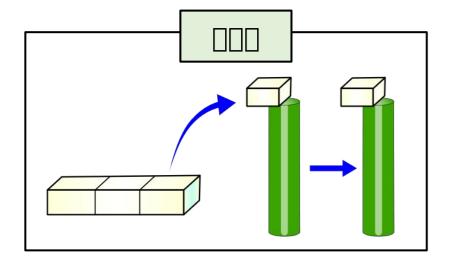


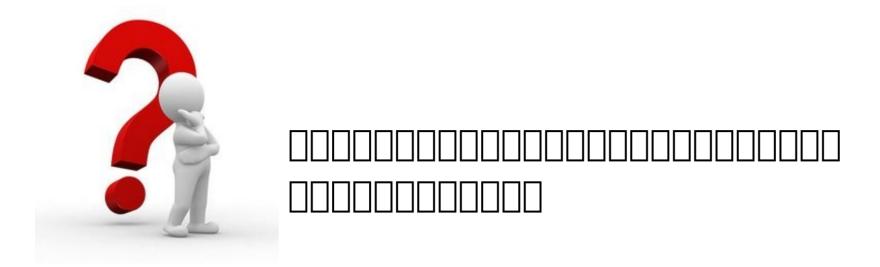


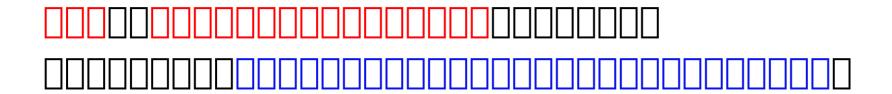




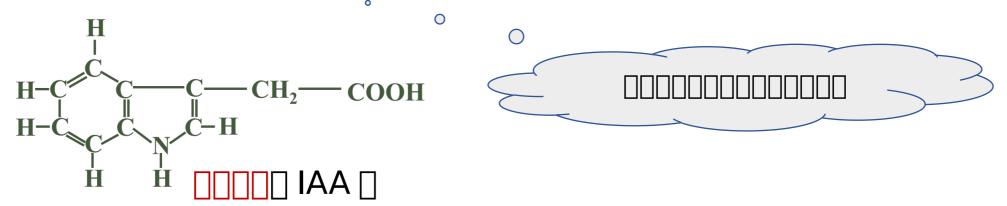














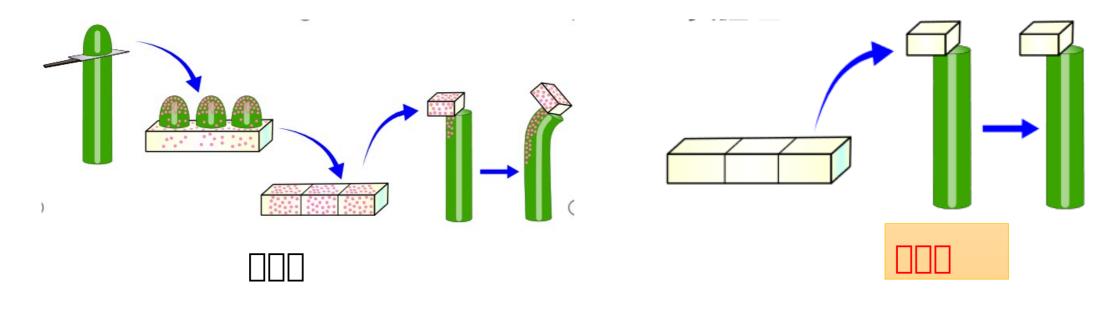


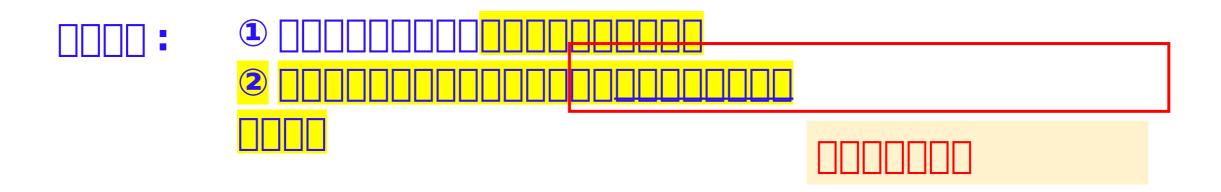


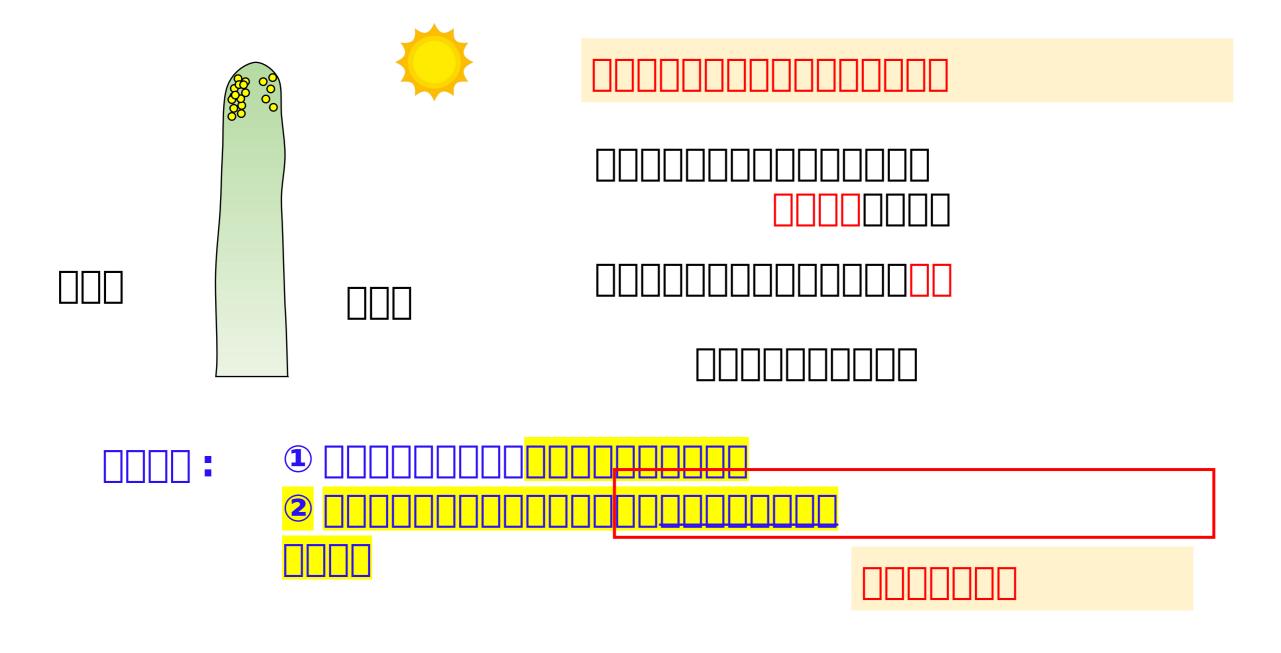


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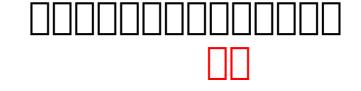


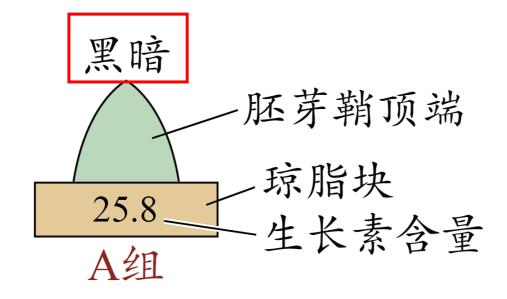


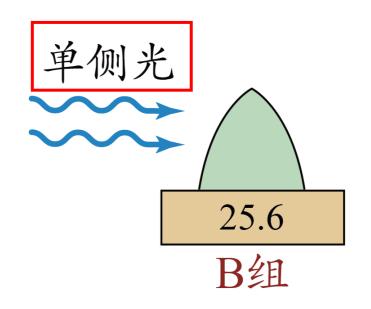




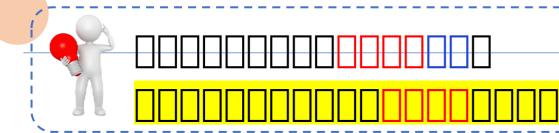


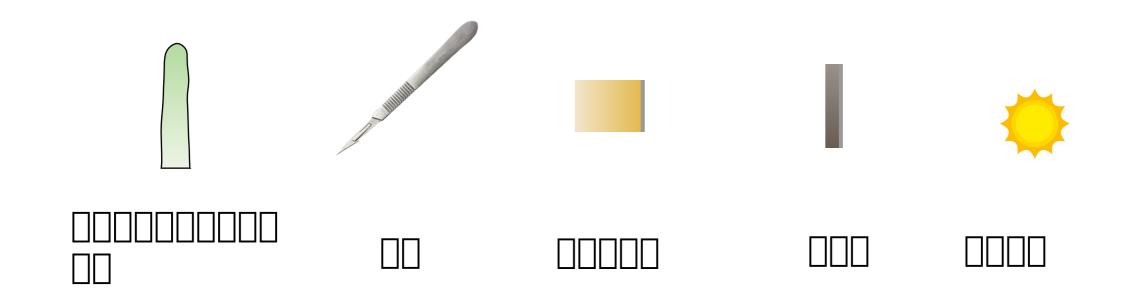




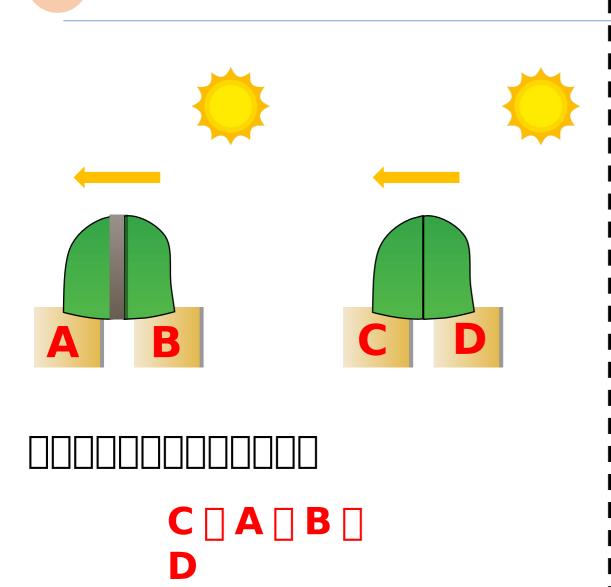




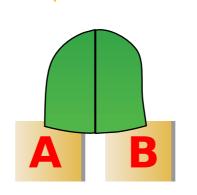


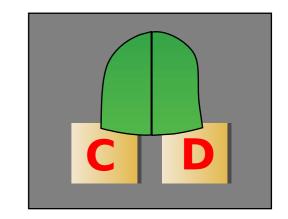










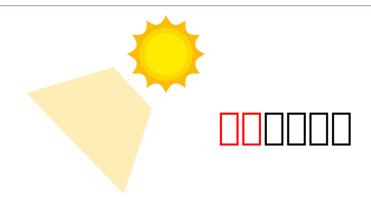


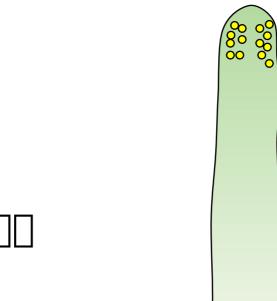


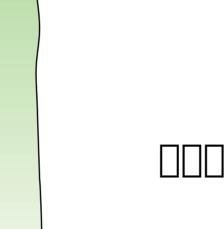
**A** | **C** | **D** | **B** 



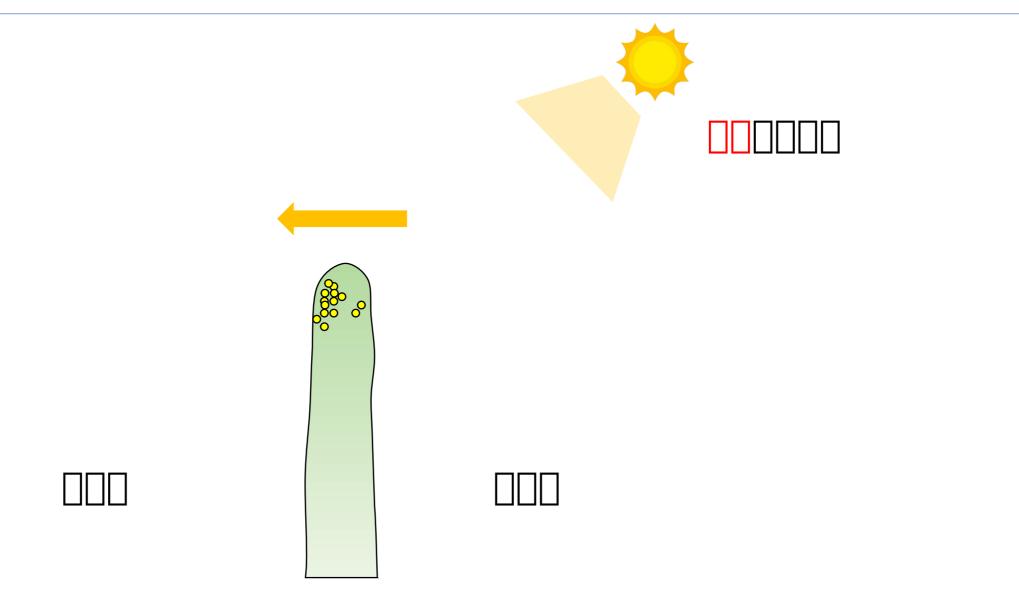




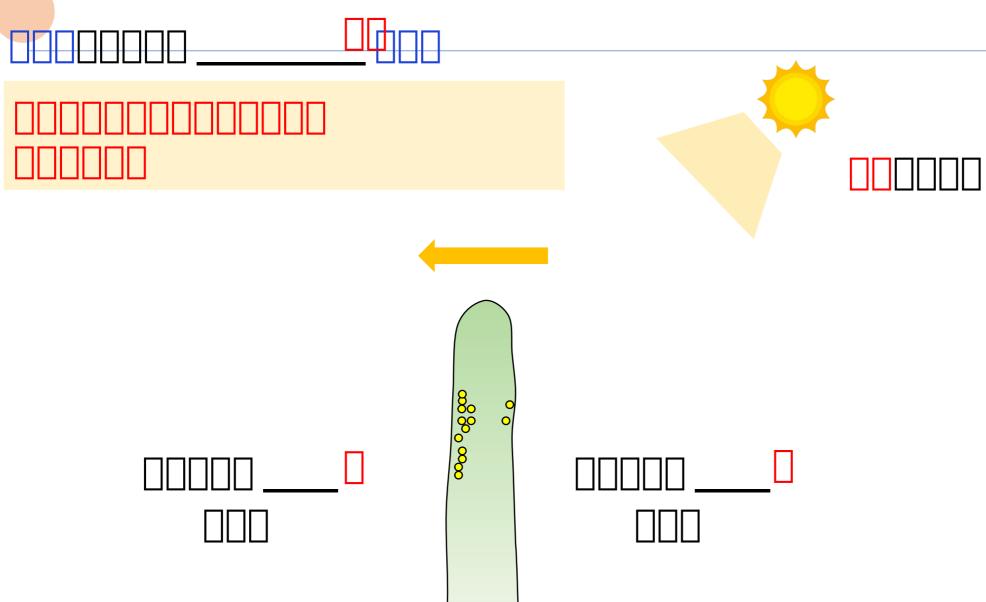




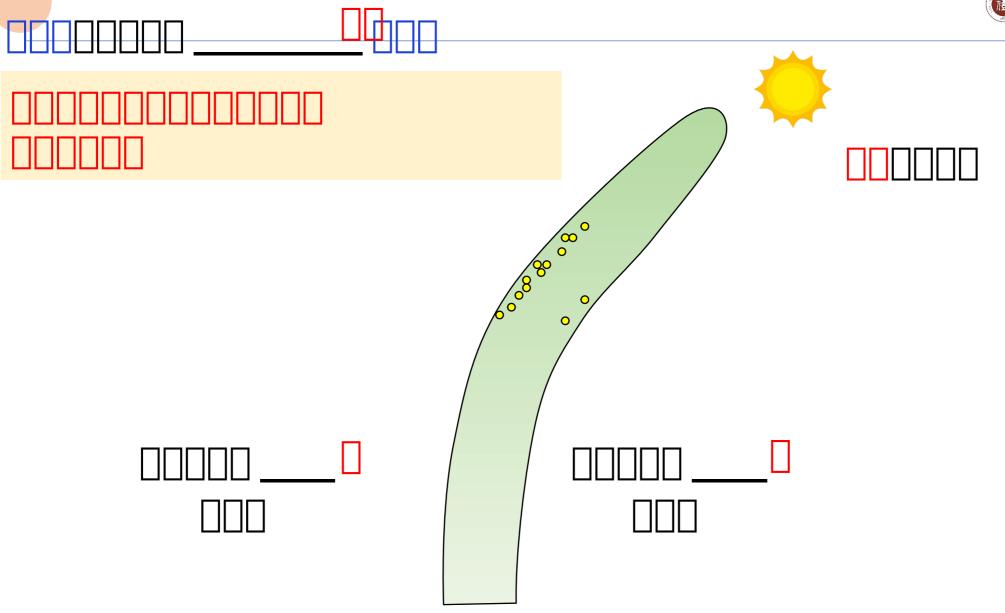




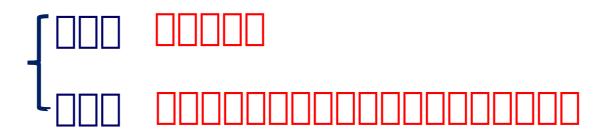


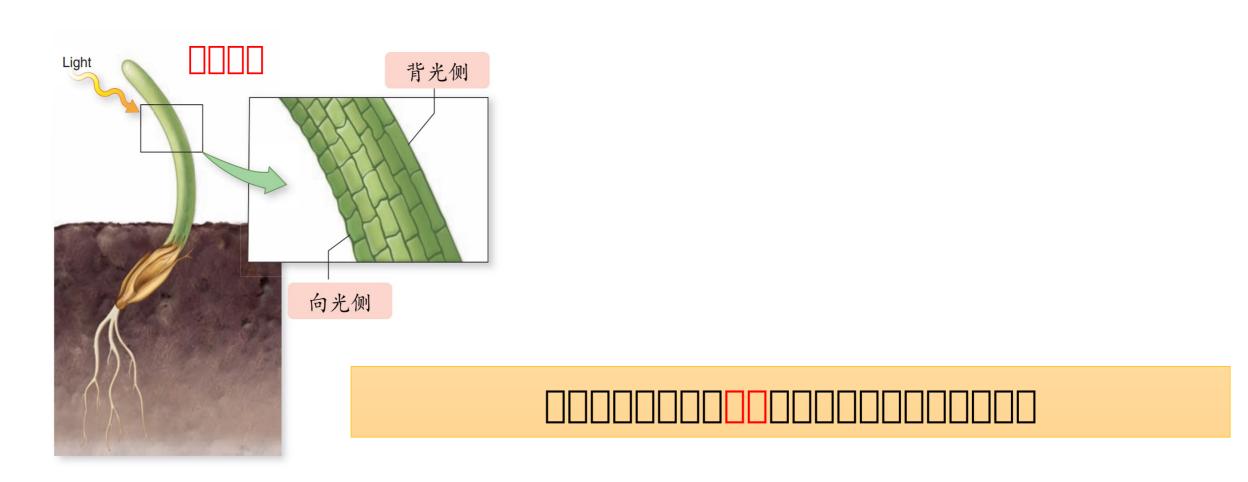






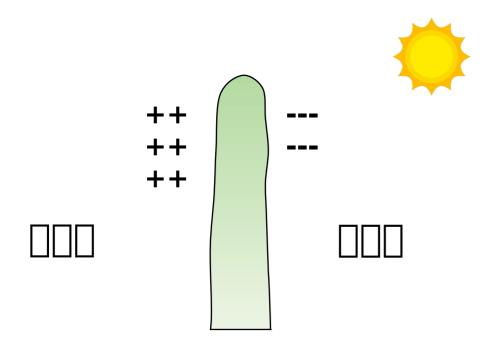










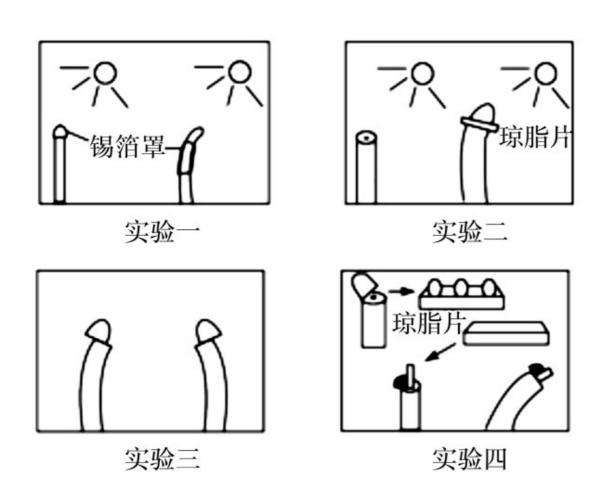


- **例题**1 下列有关植物生长素发现过程的叙述,正确的是( □ )
  - A. 达尔文通过实验证明胚芽鞘尖端产生 的生长素因单侧光照射而分布不均
  - B. 鲍森·詹森通过实验证明了胚芽鞘尖 端透过琼脂片传递给下部的物质是生 长素
  - C. 拜尔在黑暗中进行实验是为了排除光 合作用对实验结果造成的干扰
  - D. 温特实验证明了胚芽鞘的弯曲生长由 化学物质引起,并把这种物质命名为生 长素

- 1. 生长素主要分布在植物体生长旺盛的部位。通过实验,科学家确认它的化学本质是()
  - A. 多肽
  - B. 丙酮酸
  - C. 色氨酸
  - D. 吲哚乙酸

4. 如图是生长素发现过程中的实验示意图,

下列相关说法正确的是( D )



- A. 实验一证明生长素的产生依赖光照
- B. 实验二证明顶端产生的生长素能向下 运输
- C. 实验三证明胚芽鞘弯曲生长的原因是 尖端产生的"影响"分布不均
- D. 实验四证明造成胚芽鞘弯曲生长的"影响"是生长素







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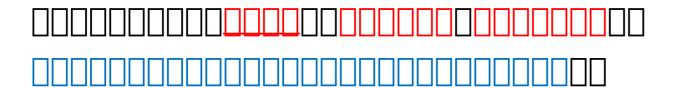






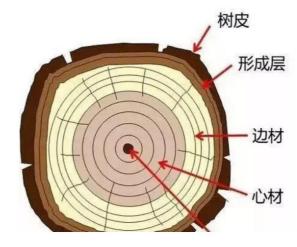


# 2.



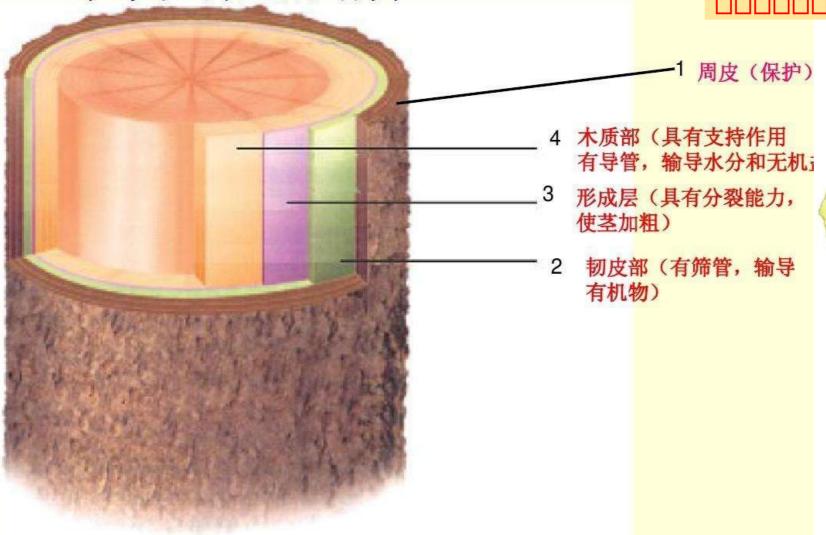


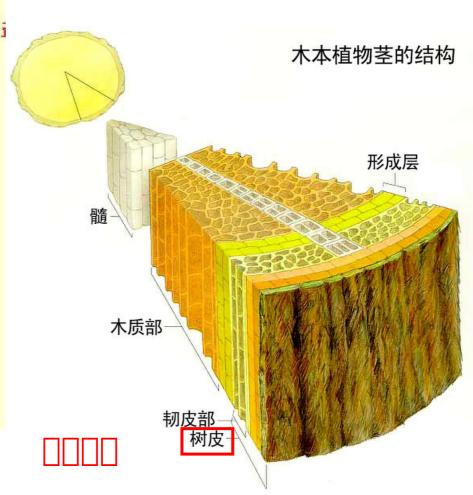




# 木本植物茎的结构:





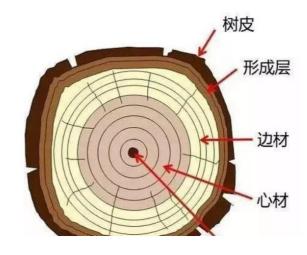


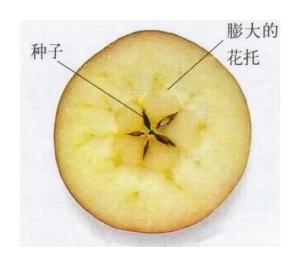
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### 2. | | | | | | | | |









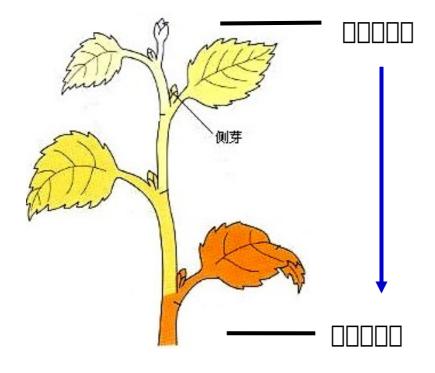


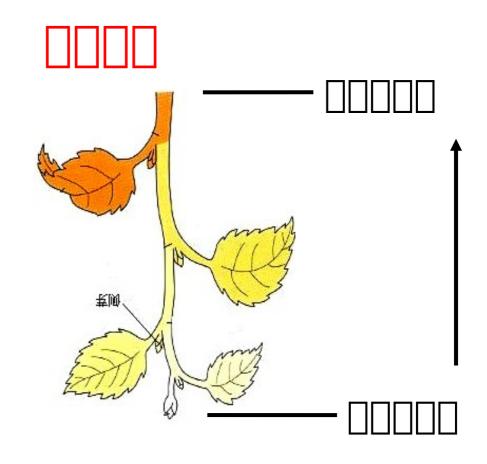


3. (1) 生长素 



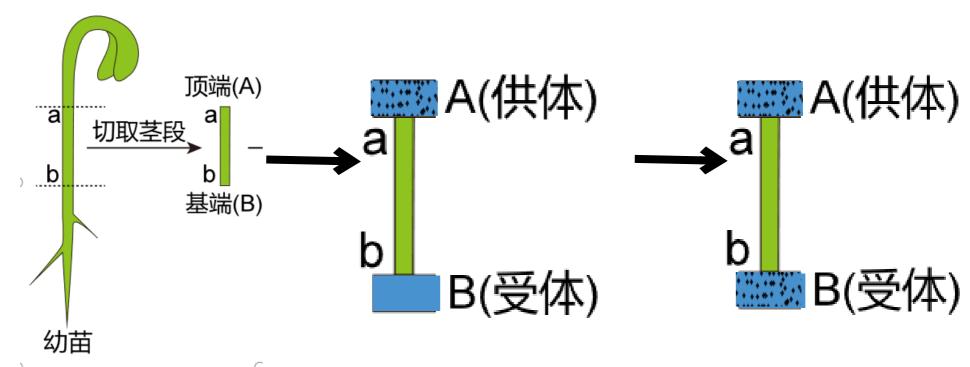






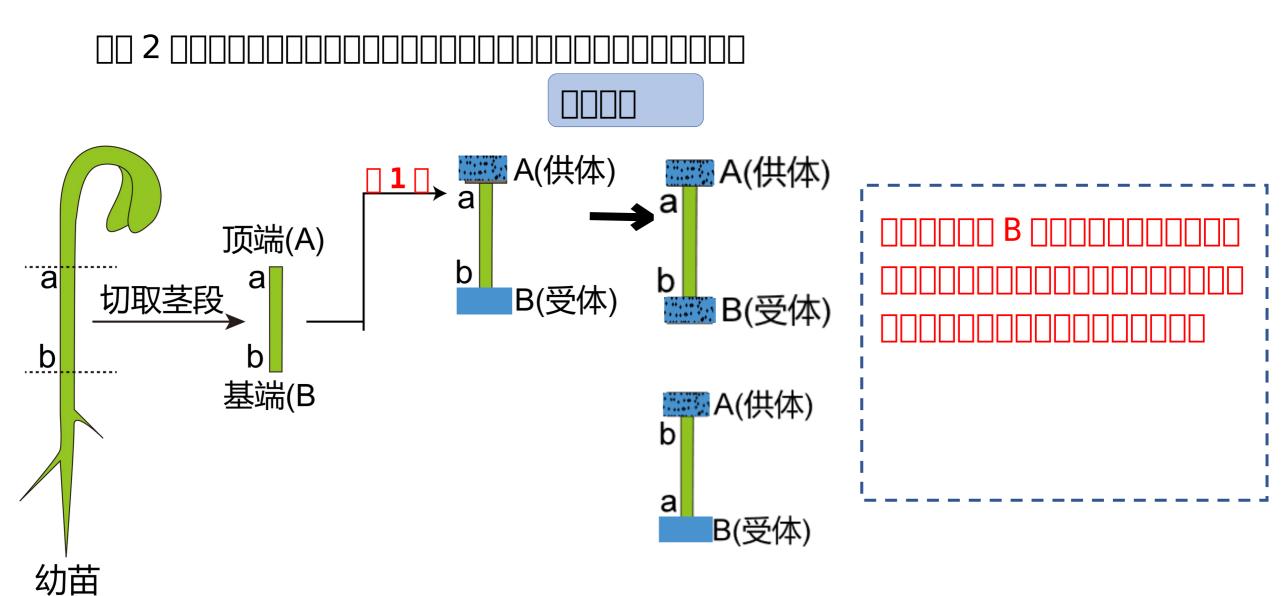
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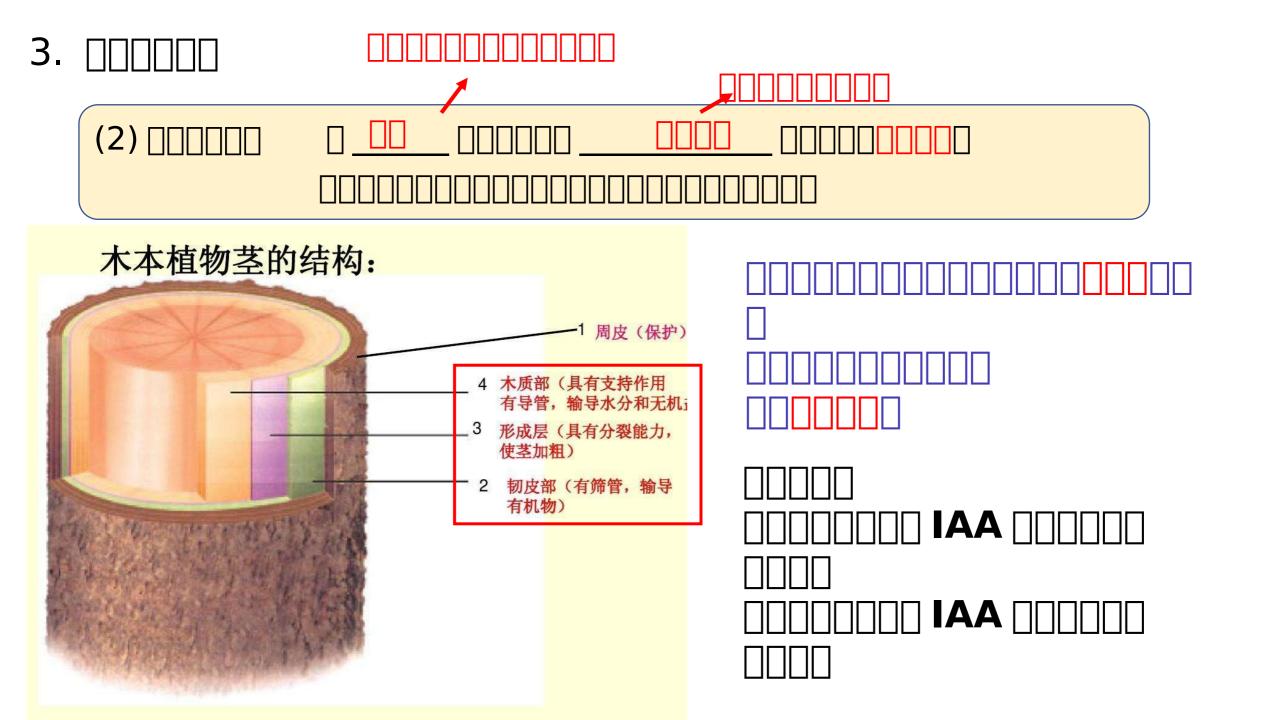
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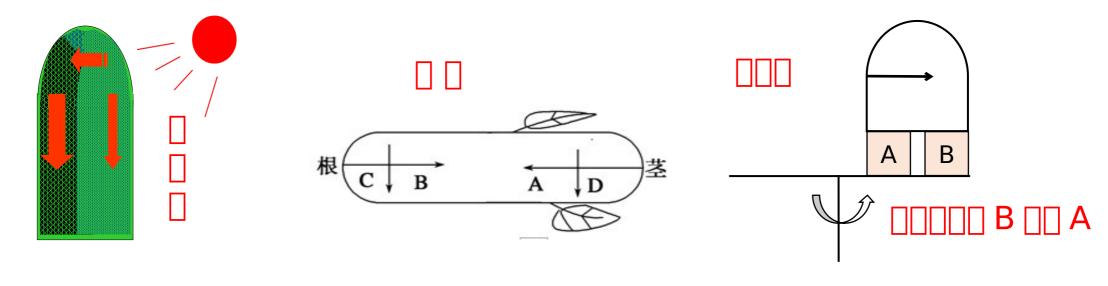
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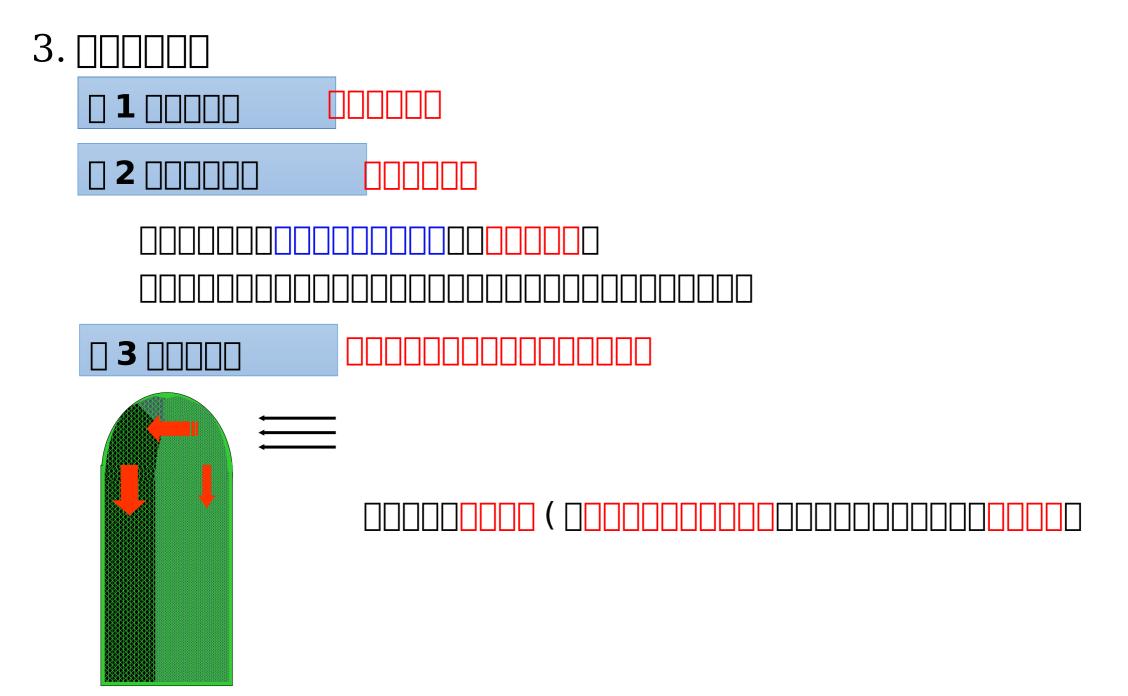
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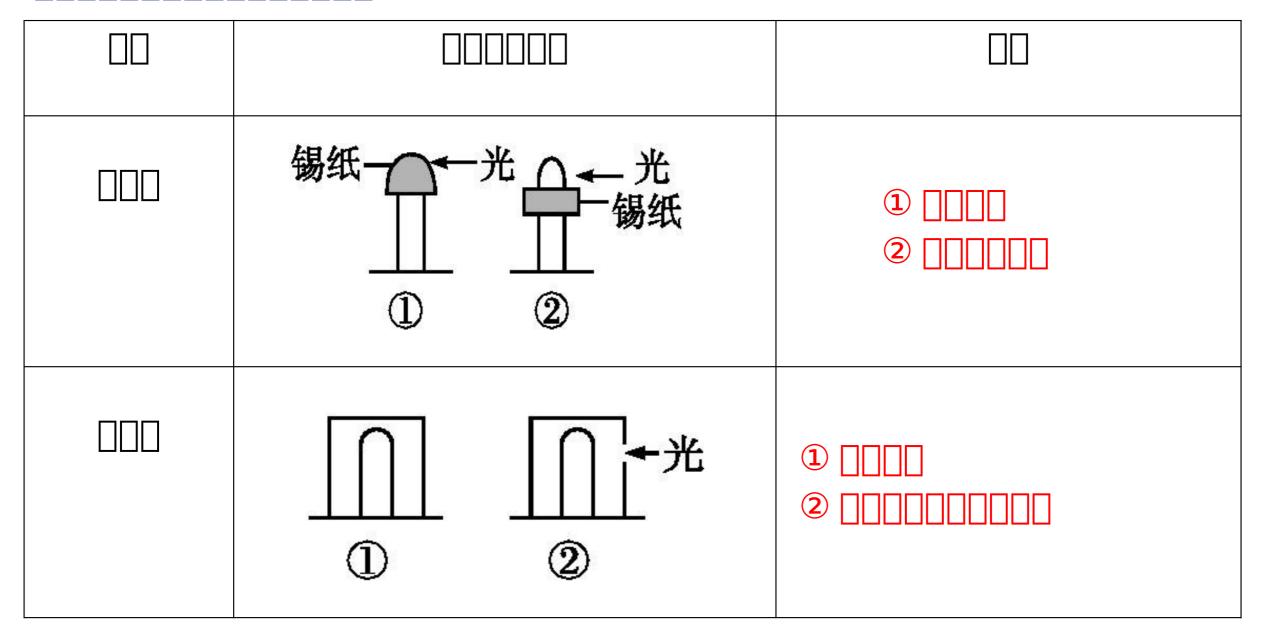




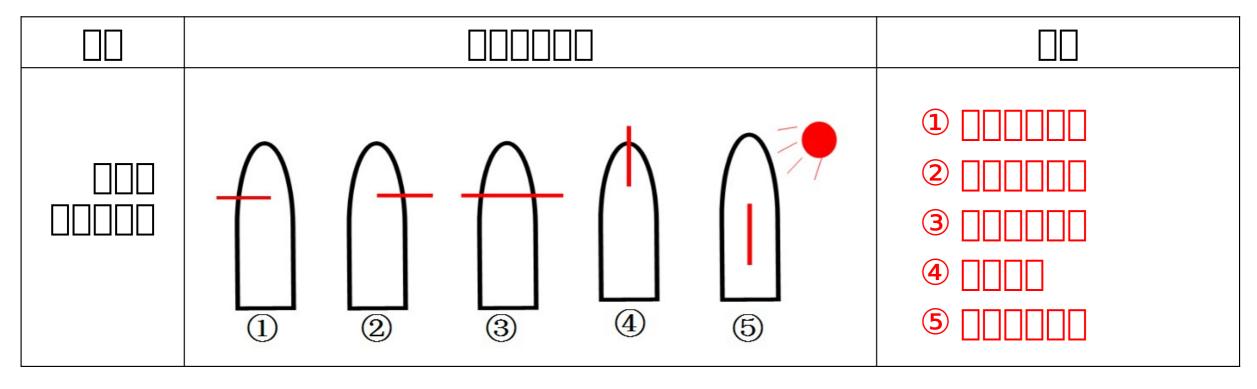
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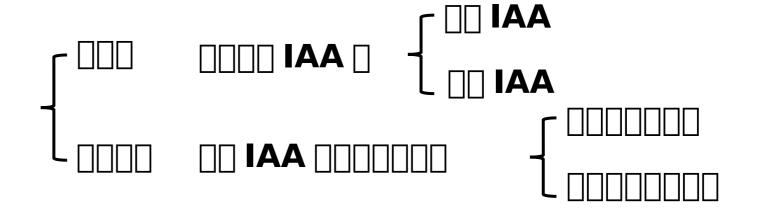


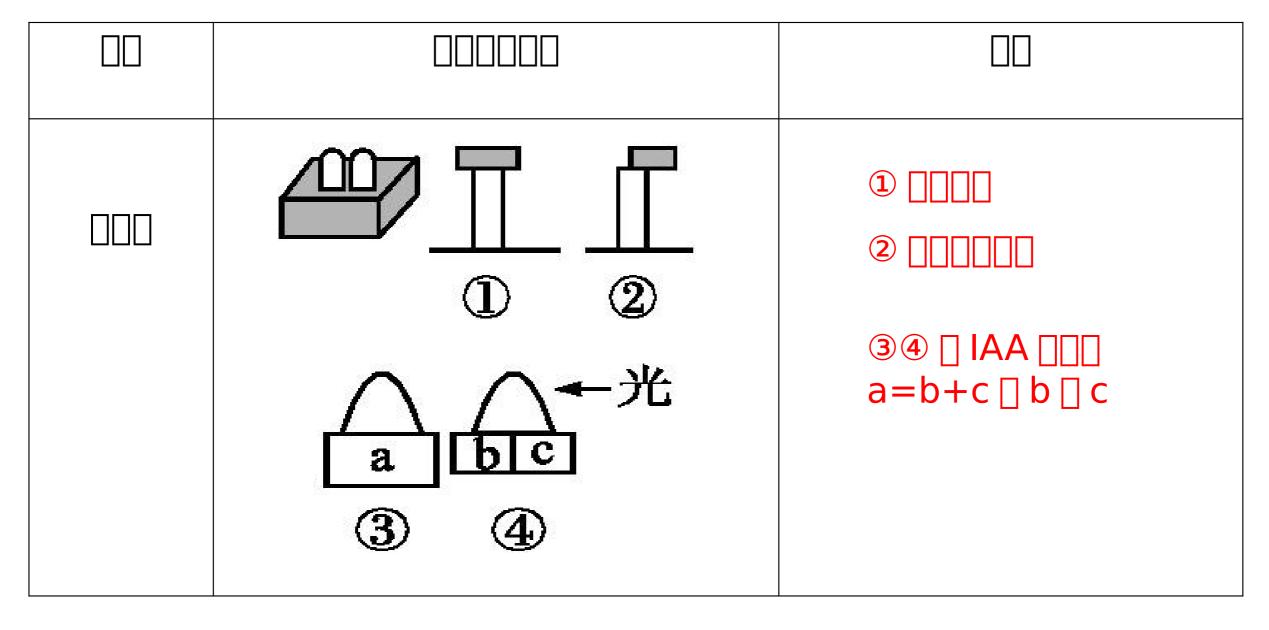


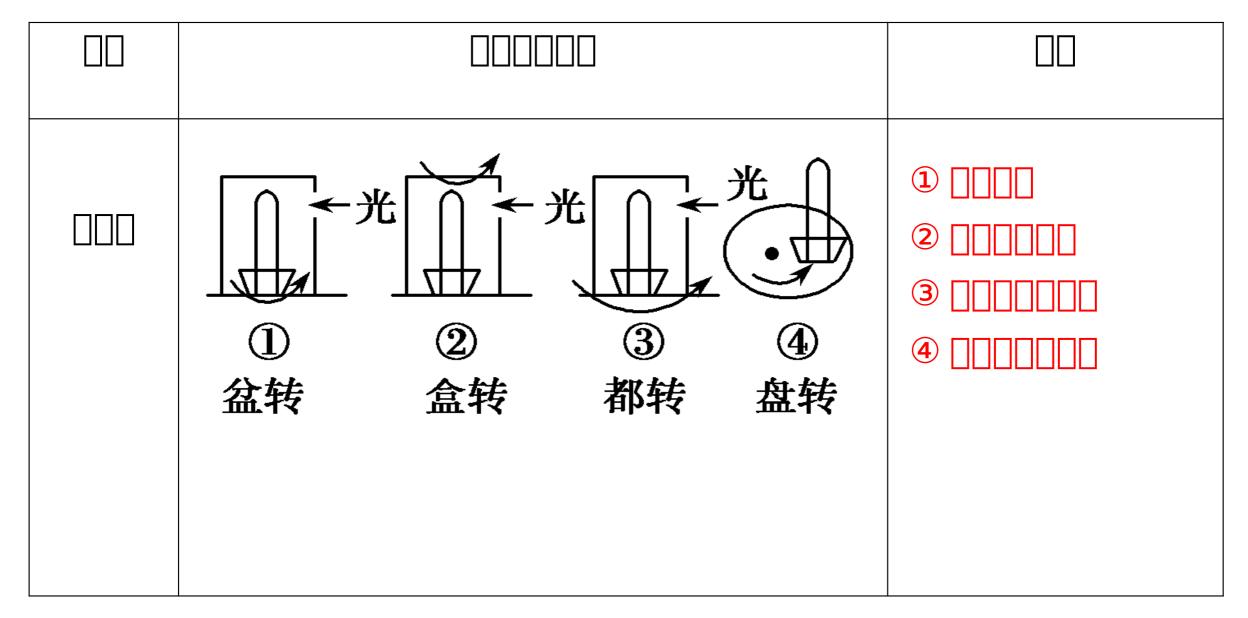














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